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PATENT

DIVERTER FOR DUAL TRACK AIR ASSISTED COLLATOR

**ABSTRACT**

5 A collator includes a first conveyor having a  
discharge end and a second receiving conveyor positioned  
below the discharge end of the first conveyor. As each  
product bag falls toward the second conveyor, an air blast  
assists in uprighting the bag. The second conveyor may be  
temporarily operated at a high speed to separate the  
10 product bags into groups. A deflector may be mounted at  
the discharge end of the second conveyor for directing  
product bags into containers. A diverter may be used to  
direct incoming product bags between parallel conveyors.